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Tender Inviting Authority:

Work Name : EAP - Construction of a Lab building for Department of Post Harvest Technology at College of Agriculture, Vellayani

Contract No:

Bidder Name :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4.00	5	6.00	54.00	55
1	Appendix 1					
1	2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	600.00	sqm	10.38	6228.00	INR Six Thousand Two Hundred & Twenty Eight Only
2	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	125.00	cum	181.52	22690.00	INR Twenty Two Thousand Six Hundred & Ninety Only
3	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	401.00	cum	239.82	96167.82	INR Ninety Six Thousand One Hundred & Sixty Seven and Paise Eighty Two Only

4	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	50.00	cum	6453.91	322695.50	INR Three Lakh Twenty Two Thousand Six Hundred & Ninety Five and Paise Fifty Only
5	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	66.00	sqm	279.52	18448.32	INR Eighteen Thousand Four Hundred & Forty Eight and Paise Thirty Two Only
6	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	242.00	sqm	674.27	163173.34	INR One Lakh Sixty Three Thousand One Hundred & Seventy Three and Paise Thirty Four Only
7	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	483.00	sqm	494.19	238693.77	INR Two Lakh Thirty Eight Thousand Six Hundred & Ninety Three and Paise Seventy Seven Only
8	5.9.19 : Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	95.00	sqm	751.95	71435.25	INR Seventy One Thousand Four Hundred & Thirty Five and Paise Twenty Five Only
9	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	542.00	sqm	608.62	329872.04	INR Three Lakh Twenty Nine Thousand Eight Hundred & Seventy Two and Paise Four Only
10	5.9.16.1 : Centering and shuttering including strutting, etc. and removal of form for:Edges of slabs and breaks in floors and wallsUnder 20 cm wide	174.00	metre	176.11	30643.14	INR Thirty Thousand Six Hundred & Forty Three and Paise Fourteen Only
11	5.9.7 : Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings) except spiral - staircases)	10.00	sqm	604.37	6043.70	INR Six Thousand & Forty Three and Paise Seventy Only
12	5.9.18 : Centering and shuttering including strutting, etc. and removal of form for:Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pilasters and columns and the like	2.60	sqm	743.44	1932.94	INR One Thousand Nine Hundred & Thirty Two and Paise Ninety Four Only
13	5.9.2 : Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	65.00	sqm	545.64	35466.60	INR Thirty Five Thousand Four Hundred & Sixty Six and Paise Sixty Only

14	4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	2.10	cum	7900.59	16591.24	INR Sixteen Thousand Five Hundred & Ninety One and Paise Twenty Four Only
15	5.1.2 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)	53.00	cum	8957.56	474750.68	INR Four Lakh Seventy Four Thousand Seven Hundred & Fifty and Paise Sixty Eight Only
16	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15⁰ landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	26.00	cum	10651.62	276942.12	INR Two Lakh Seventy Six Thousand Nine Hundred & Forty Two and Paise Twelve Only
17	5.2.2 : Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	18.00	cum	10298.53	185373.54	INR One Lakh Eighty Five Thousand Three Hundred & Seventy Three and Paise Fifty Four Only

18	5.33.2 : Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work above plinth level upto floor V level	82.00	cum	10448.77	856799.14	INR Eight Lakh Fifty Six Thousand Seven Hundred & Ninety Nine and Paise Fourteen Only
19	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	4060.00	kilogram	81.57	331174.20	INR Three Lakh Thirty One Thousand One Hundred & Seventy Four and Paise Twenty Only
20	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo - Mechanically Treated bars of grade Fe-500D or more	18090.00	kg	81.57	1475601.30	INR Fourteen Lakh Seventy Five Thousand Six Hundred & One and Paise Thirty Only
21	od1424/2017_2018 : Supplying and fixing stainless steel hooks of various dia	9.00	per kg	185.85	1672.65	INR One Thousand Six Hundred & Seventy Two and Paise Sixty Five Only
22	2.25 : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	145.00	cum	181.23	26278.35	INR Twenty Six Thousand Two Hundred & Seventy Eight and Paise Thirty Five Only

23	4.1.5 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	10.00	cum	7100.79	71007.90	INR Seventy One Thousand & Seven and Paise Ninety Only
24	50.6.1.1 : Solid block masonry using pre cast solid blocks (factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 20 cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	0.50	cum	5257.81	2628.91	INR Two Thousand Six Hundred & Twenty Eight and Paise Ninety One Only
25	50.6.1.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement: 6 coarse sand) etc complete.	97.00	cum	5759.64	558685.08	INR Five Lakh Fifty Eight Thousand Six Hundred & Eighty Five and Paise Eight Only
26	50.6.1.8 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand etc complete	17.00	cum	5989.09	101814.53	INR One Lakh One Thousand Eight Hundred & Fourteen and Paise Fifty Three Only
27	od169/2018_2019 : Filling with fine sand of sunken slab	6.00	cum	1661.56	9969.36	INR Nine Thousand Nine Hundred & Sixty Nine and Paise Thirty Six Only
28	22.5 : Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	12.00	sqm	429.91	5158.92	INR Five Thousand One Hundred & Fifty Eight and Paise Ninety Two Only

29	9.48.2 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with rawl plugs screws etc	1501.00	kg	162.06	243252.06	INR Two Lakh Forty Three Thousand Two Hundred & Fifty Two and Paise Six Only
30	10.6.1 : Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	8.00	sqm	3337.96	26703.68	INR Twenty Six Thousand Seven Hundred & Three and Paise Sixty Eight Only
31	50.9.1.3 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). using good quality Vengai wood	0.40	cum	72003.83	28801.53	INR Twenty Eight Thousand Eight Hundred & One and Paise Fifty Three Only
32	50.9.3.3 : Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in -charge. using vengai wood	21.00	sqm	2064.53	43355.13	INR Forty Three Thousand Three Hundred & Fifty Five and Paise Thirteen Only
33	50.9.4.3 : Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Vengai wood	21.00	sqm	1796.12	37718.52	INR Thirty Seven Thousand Seven Hundred & Eighteen and Paise Fifty Two Only

34	9.14 : Extra for providing ISI marked Stainless Steel butt hinges instead of M.S. pressed butt hinges bright finished of required size with necessary screws. (Shutter area to be measured)	21.00	sqm	143.83	3020.43	INR Three Thousand &Twenty and Paise Forty Three Only
35	9.53 : Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	44.00	each	170.93	7520.92	INR Seven Thousand Five Hundred & Twenty and Paise Ninety Two Only
36	9.33.4 : Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work /C.C/R.C.C and making good etc. complete.50 mm long	44.00	no	32.64	1436.16	INR One Thousand Four Hundred & Thirty Six and Paise Sixteen Only
37	9.117.1 : Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-chargeExtruded section profile size 48x40 mm	26.00	metre	312.45	8123.70	INR Eight Thousand One Hundred & Twenty Three and Paise Seventy Only

38	<p>9.118.1 : Providing and fixing to existing door frames 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having overall thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge (For W.C. and bathroom door shutter).</p>	9.00	sqm	2594.88	23353.92	INR Twenty Three Thousand Three Hundred & Fifty Three and Paise Ninety Two Only
39	<p>21.1.1.2 : Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	582.00	kg	554.14	322509.48	INR Three Lakh Twenty Two Thousand Five Hundred & Nine and Paise Forty Eight Only

40	21.1.2.2 : For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	221.00	kg	641.26	141718.46	INR One Lakh Forty One Thousand Seven Hundred & Eighteen and Paise Forty Six Only
41	21.3.1 : Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness	83.00	sqm	1068.65	88697.95	INR Eighty Eight Thousand Six Hundred & Ninety Seven and Paise Ninety Five Only
42	21.3.2 : Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5.50 mm thickness	48.00	sqm	1446.89	69450.72	INR Sixty Nine Thousand Four Hundred & Fifty and Paise Seventy Two Only
43	21.18 : Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc to be paid separately)	9.00	sqm	6642.27	59780.43	INR Fifty Nine Thousand Seven Hundred & Eighty and Paise Forty Three Only
44	od1425/2017_2018 : Providing and fixing Aluminium composite panels 3.50 mm thick in aluminium doors / partitions etc with EDPM rubber / Neoprene gasket etc . Complete as per the architectural drawings and the directions of Engineer in charge (cost of snap beading shall be paid in basic items)	25.00	sqm	1725.14	43128.50	INR Forty Three Thousand One Hundred & Twenty Eight and Paise Fifty Only
45	9.97.2 : Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC 10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:250x10 mm	22.00	no	126.97	2793.34	INR Two Thousand Seven Hundred & Ninety Three and Paise Thirty Four Only

46	9.97.3 : Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC 10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:200x10 mm	32.00	no	109.75	3512.00	INR Three Thousand Five Hundred & Twelve Only
47	9.100.1 : Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:125 mm	32.00	no	73.65	2356.80	INR Two Thousand Three Hundred & Fifty Six and Paise Eighty Only
48	od165/2018_2019 : Supplying and Fixing Door Handle Stainless steel 450 mm	4.00	each	1858.40	7433.60	INR Seven Thousand Four Hundred & Thirty Three and Paise Sixty Only
49	od166/2018_2019 : Supplying and Fixing Stainless Steel fixtures for fixing hinges into glass door as per the direction of engineer in charge	8.00	each	4994.45	39955.60	INR Thirty Nine Thousand Nine Hundred & Fifty Five and Paise Sixty Only
50	od167/2018_2019 : Supplying and Fixing Floor hinges	2.00	each	6388.25	12776.50	INR Twelve Thousand Seven Hundred & Seventy Six and Paise Fifty Only
51	od160/2018_2019 : Supplying and fixing I max hinges	144.00	each	126.50	18216.00	INR Eighteen Thousand Two Hundred & Sixteen Only
52	od161/2018_2019 : Supplying and fixing Aluminium door handle 150 mm	3.00	each	60.40	181.20	INR One Hundred & Eighty One and Paise Twenty Only
53	50.9.15.2 : Supplying and fixing 300 mm Aluminium aldrop	11.00	no	188.74	2076.14	INR Two Thousand & Seventy Six and Paise Fourteen Only
54	9.71.2 : Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete:100x60x2.50 mm	44.00	no	84.89	3735.16	INR Three Thousand Seven Hundred & Thirty Five and Paise Sixteen Only
55	od1426/2017_2018 : Supplying 65 mm pad lock (7 lever) ISI best quality	11.00	each	290.40	3194.40	INR Three Thousand One Hundred & Ninety Four and Paise Forty Only
56	9.113 : Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in-charge.	3.00	each	682.62	2047.86	INR Two Thousand & Forty Seven and Paise Eighty Six Only
57	od1427/2017_2018 : Supplying and fixing Aluminium handle with locking arrangements suitable for aluminium windows	72.00	each	139.40	10036.80	INR Ten Thousand & Thirty Six and Paise Eighty Only
58	od1428/2017_2018 : Supplying and fixing Aluminium door stopper	5.00	each	30.12	150.60	INR One Hundred & Fifty and Paise Sixty Only

59	21.12.2 : Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0mm thick & 2100 mm long with S.S. screws etc. complete as per direction of Engineer -in-Charge.Powder coated minimum thickness 50 micron aluminium tubular handle bar	6.00	no	734.00	4404.00	INR Four Thousand Four Hundred & Four Only
60	9.84 : Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width form 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	5.00	no	559.76	2798.80	INR Two Thousand Seven Hundred & Ninety Eight and Paise Eighty Only
61	10.28 : Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	150.00	kg	680.82	102123.00	INR One Lakh Two Thousand One Hundred & Twenty Three Only
62	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	1700.00	sqm	249.26	423742.00	INR Four Lakh Twenty Three Thousand Seven Hundred & Forty Two Only
63	50.13.1 : 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete	575.00	sqm	232.90	133917.50	INR One Lakh Thirty Three Thousand Nine Hundred & Seventeen and Paise Fifty Only
64	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	30.00	sqm	308.71	9261.30	INR Nine Thousand Two Hundred & Sixty One and Paise Thirty Only
65	od1433/2017_2018 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand) including 2 % of water proofing compound	364.40	sqm	337.17	122864.75	INR One Lakh Twenty Two Thousand Eight Hundred & Sixty Four and Paise Seventy Five Only

66	8.12 : Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-charge.a. Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	100.00	sqm	4162.04	416204.00	INR Four Lakh Sixteen Thousand Two Hundred & Four Only
67	8.3.2 : Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in-Charge.Granite work	155.00	metre	354.10	54885.50	INR Fifty Four Thousand Eight Hundred & Eighty Five and Paise Fifty Only
68	od1434/2017_2018 : Providing and laying anti skidding vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 300 x300 mm.	12.00	sqm	1714.83	20577.96	INR Twenty Thousand Five Hundred & Seventy Seven and Paise Ninety Six Only
69	11.36 : Providing and fixing 1 st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	60.00	sqm	1073.41	64404.60	INR Sixty Four Thousand Four Hundred & Four and Paise Sixty Only

70	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600 x 600 mm.	420.00	sqm	1613.28	677577.60	INR Six Lakh Seventy Seven Thousand Five Hundred & Seventy Seven and Paise Sixty Only
71	11.46.2 : Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm	25.00	sqm	1636.05	40901.25	INR Forty Thousand Nine Hundred & One and Paise Twenty Five Only
72	17.7.4 : Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Flat back wash basin size 550x400mm with single 15 mm C.P.brasspillar taps	2.00	each	2619.16	5238.32	INR Five Thousand Two Hundred & Thirty Eight and Paise Thirty Two Only
73	17.1.1 : Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C.flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	each	5035.84	10071.68	INR Ten Thousand & Seventy One and Paise Sixty Eight Only

74	17.2.1 : Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid	2.00	each	4927.03	9854.06	INR Nine Thousand Eight Hundred & Fifty Four and Paise Six Only
75	17.10.2.2 : Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink without drain board610x460 mm bowl depth 200 mm	9.00	each	3150.82	28357.38	INR Twenty Eight Thousand Three Hundred & Fifty Seven and Paise Thirty Eight Only
76	18.48 : Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.00	Litre	10.45	10450.00	INR Ten Thousand Four Hundred & Fifty Only
77	50.18.7.3.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgf/ cm ² - Internal work- Exposed on wall	50.00	metre	205.98	10299.00	INR Ten Thousand Two Hundred & Ninety Nine Only
78	50.18.7.4.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 32 mm dia 10Kgf/cm ² - Internal work - Exposed on wall	50.00	metre	248.78	12439.00	INR Twelve Thousand Four Hundred & Thirty Nine Only

79	18.8.2 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.20 mm nominal outer dia pipes	12.00	metre	410.53	4926.36	INR Four Thousand Nine Hundred & Twenty Six and Paise Thirty Six Only
80	18.8.3 : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.25 mm nominal outer dia pipes	3.00	metre	480.78	1442.34	INR One Thousand Four Hundred & Forty Two and Paise Thirty Four Only
81	50.18.9.3.2 : Providing and fixing PVC pipes includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm dia 10KGF/cm ²	8.00	metre	170.60	1364.80	INR One Thousand Three Hundred & Sixty Four and Paise Eighty Only
82	50.18.9.4.1 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.32 mm dia 10.Kgf/cm ²	20.00	metre	193.29	3865.80	INR Three Thousand Eight Hundred & Sixty Five and Paise Eighty Only
83	50.18.9.5.1 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching refilling & testing of joints complete as per direction of Engineer in Charge 40 mm dia 10Kgf/cm ²	200.00	metre	226.92	45384.00	INR Forty Five Thousand Three Hundred & Eighty Four Only
84	50.18.9.6.1 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm dia 10Kgf/cm ²	10.00	metre	234.91	2349.10	INR Two Thousand Three Hundred & Forty Nine and Paise Ten Only

85	50.18.9.7.1 : Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching refilling & testing of joints complete as per direction of Engineer in Charge. 63 mm dia 6Kgf/cm2	110.00	metre	286.29	31491.90	INR Thirty One Thousand Four Hundred & Ninety One and Paise Ninety Only
86	50.18.9.9.2 : Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2	20.00	metre	395.80	7916.00	INR Seven Thousand Nine Hundred & Sixteen Only
87	50.18.9.17.2 : Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 63 mm dia 4 Kg/cm2- External work - exposed on wall	30.00	metre	192.85	5785.50	INR Five Thousand Seven Hundred & Eighty Five and Paise Fifty Only
88	50.18.9.19.2 : Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 m dia 4 Kg/cm2 - External work - Exposed on wall	100.00	metre	298.95	29895.00	INR Twenty Nine Thousand Eight Hundred & Ninety Five Only
89	50.18.9.20.1 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Elbow	5.00	no	69.87	349.35	INR Three Hundred & Forty Nine and Paise Thirty Five Only
90	50.18.9.20.2 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -63 dia 45 degree Elbow	5.00	no	61.18	305.90	INR Three Hundred & Five and Paise Ninety Only
91	50.18.9.20.3 : Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Door Elbow	5.00	no	77.43	387.15	INR Three Hundred & Eighty Seven and Paise Fifteen Only
92	50.18.9.20.4 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Bend	5.00	no	76.28	381.40	INR Three Hundred & Eighty One and Paise Forty Only
93	50.18.9.22.1 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Elbow	3.00	no	104.18	312.54	INR Three Hundred & Twelve and Paise Fifty Four Only

94	50.18.9.22.2 : Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia 45 degree Elbow	3.00	no	101.89	305.67	INR Three Hundred & Five and Paise Sixty Seven Only
95	50.18.9.22.6 : Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110x110x110 mm dia Door tee	3.00	no	183.99	551.97	INR Five Hundred & Fifty One and Paise Ninety Seven Only
96	50.18.9.22.3 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement-110 mm dia Door Elbow	2.00	no	128.58	257.16	INR Two Hundred & Fifty Seven and Paise Sixteen Only
97	50.18.9.22.4 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend	2.00	no	157.64	315.28	INR Three Hundred & Fifteen and Paise Twenty Eight Only
98	50.18.9.22.8 : Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement -110 mm dia Vent cowl	4.00	no	120.42	481.68	INR Four Hundred & Eighty One and Paise Sixty Eight Only
99	od1436/2017_2018 : Providing and fixing 110 mm PVC three way floor trap with gratings.	4.00	no	298.50	1194.00	INR One Thousand One Hundred & Ninety Four Only
100	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	4.00	each	709.86	2839.44	INR Two Thousand Eight Hundred & Thirty Nine and Paise Forty Four Only
101	18.22.1 : Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:100 mm diameter	2.00	each	103.26	206.52	INR Two Hundred & Six and Paise Fifty Two Only
102	18.52.1 : Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore	2.00	each	786.82	1573.64	INR One Thousand Five Hundred & Seventy Three and Paise Sixty Four Only
103	50.17.1.4 : Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	2.00	no	757.89	1515.78	INR One Thousand Five Hundred & Fifteen and Paise Seventy Eight Only
104	18.53.1 : Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	2.00	each	685.58	1371.16	INR One Thousand Three Hundred & Seventy One and Paise Sixteen Only

105	50.17.1.1 : Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	4.00	no	66.79	267.16	INR Two Hundred & Sixty Seven and Paise Sixteen Only
106	50.17.1.3 : Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	4.00	no	127.78	511.12	INR Five Hundred & Eleven and Paise Twelve Only
107	17.32.3 : Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Oval shape 450x350 mm (outer dimensions)	1.00	each	1166.65	1166.65	INR One Thousand One Hundred & Sixty Six and Paise Sixty Five Only
108	od1437/2017_2018 : Providing and fixing 15 mm C.P brass one way swan neck tap of approved quality	9.00	each	929.20	8362.80	INR Eight Thousand Three Hundred & Sixty Two and Paise Eighty Only
109	18.17.1 : Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	2.00	each	617.12	1234.24	INR One Thousand Two Hundred & Thirty Four and Paise Twenty Four Only
110	13.50.1 : Applying priming coat:With ready mixed pink or Grey primer of approved and manufacture on wood work (hard and soft wood)	50.00	sqm	50.37	2518.50	INR Two Thousand Five Hundred & Eighteen and Paise Fifty Only
111	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	2380.00	sqm	53.25	126735.00	INR One Lakh Twenty Six Thousand Seven Hundred & Thirty Five Only

112	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	1560.00	sqm	121.71	189867.60	INR One Lakh Eighty Nine Thousand Eight Hundred & Sixty Seven and Paise Sixty Only
113	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	165.00	sqm	112.99	18643.35	INR Eighteen Thousand Six Hundred & Forty Three and Paise Thirty Five Only
114	13.46.1 : Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	755.00	sqm	138.43	104514.65	INR One Lakh Four Thousand Five Hundred & Fourteen and Paise Sixty Five Only
Total in Figures					9755938.14	INR Ninety Seven Lakh Fifty Five Thousand Nine Hundred & Thirty Eight and Paise Fourteen Only

Contractor

Executive Engineer